Photo Credits

2-3 Tom Stewart/CORBIS Stock Market/MAGMA; **3 Bottom Right** L. Clarke/CORBIS/MAGMA; **4** Trent Photography/Michael Cullen; **5** Horace Bristol/CORBIS/MAGMA; **6 Left** Grant Heilman/Grant Heilman Photography, **Right** John Fowler/Valan Photos; **10** © Elizabeth A. Whiting, Elizabeth Whiting & Associates/CORBIS/MAGMA; **11** Dave Bartruff/CORBIS/MAGMA; **12** Trent Photography/Michael Cullen; **013 Top Right** John Fowler/Valan Photos, **Centre** HMS Group, FK Photo/CORBIS/MAGMA; **15** Paul A. Souders/CORBIS/MAGMA; **16 Top Left** Jane Torrence/Valan Photos, **Top Right** John Fowler/Valan Photos; **18** Olivia Baumgartner/CORBIS SYGMA/MAGMA; **22** John Fowler/Valan Photos; **23** James Marshall/CORBIS/MAGMA; **24 Left** NASA, **Right** Kennon Cooke/Valan Photos; **25 Top Right** © Royalty-Free/CORBIS/MAGMA, **Centre Left** Jane Torrance/Valan Photos; **28** CP/Mike Ridewood; **31 Top Left** Timothy Fuller, From *Glencoe Physical Science*, by Charles W. McLaughlin and Marilyn Thompson, Copyright © 1999 by the McGraw-Hill Companies, Inc., **Centre** Helen Mason; **35 Top Right** Spencer Grant/PhotoEdit; **36** John Fowler/Valan Photos; **40** Michael Newman/PhotoEdit; **41** © Royalty-Free/CORBIS/MAGMA; **42** David Muench/CORBIS/MAGMA; **43** Kennon Cooke/Valan Photos; **44** Tony Freeman/PhotoEdit; **45 Top** Ken Kay/Fundamental Photographs, NYC, **Bottom Right** SPL; **49** Richard Megna/Fundatmental Photographs, NYC; **52** Jean Loup Charmet/SPL; **58** Audrey Diem/Valan Photos; **59 Top Left** Philip Norton/Valan Photos, **Top Right** National Archives of Canada/C-019944; **60 tl** Reprinted by permission of CarpoolCanada.com, **Top Right** © Royalty-Free/CORBIS/MAGMA; **63 Both Images** Lonni G. Thomson, Byrd Polar Research Center, The Ohio State University; **66 Bottom Right** Ministry of the Environment; **67 Bottom Right** © Royalty-Free/CORBIS/MAGMA; **69 Top Left** Vince Streano/CORBIS/MAGMA, **Top Right** Lowell Georgia/CORBIS/MAGMA; **72 Top Left** EyeSquared, **Top Right** Jean Marie Giraud/Valan Photos; **75** © Royalty-Free/CORBIS/MAGMA; **76 Top Left** Agrium Carseland Nitrogen Operations - Photo courtesy of Agrium Inc., **Top Right** Tim Zurowski/CORBIS/MAGMA; **78-79** CP/Frank Gunn; **78 Bottom Right** B. Ivy/Ivy Images; **79 Bottom Right** Kevin Fleming/CORBIS/MAGMA; **80 Top Left** CP/Paul Chiasson, **Top Right** Duomo/CORBIS/MAGMA; **82 Top Left** AFP/CORBIS/MAGMA, **Bottom Left** Paul J. Sutton/CORBIS/MAGMA, **Bottom Right** Paul J. Sutton/CORBIS/MAGMA; **83** John Fowler/Valan Photos; **87 Bottom Right** Helen Mason, **87 Centre** John Fowler/Valan Photos; **89** Val Wilkinson/Valan Photos; **92 Top Left** Ivy Images; **94** AFP/CORBIS/MAGMA; **96** Kevin Fleming/CORBIS/MAGMA; **97** Artbase Inc.; **98** Philip Norton/Valan Photos; **99 Top Left** C.I.S./Ivy Images, **Right** Glen Hutton; **100** American Institute of Physics; **101** National Archives of Canada/C-053499; **102 Bottom Left** C.S.P./Ivy Images, **Bottom Centre** ResourceEye Services Inc., **Bottom Right** Francis Lepine/Valan Photos; **103** Raymond Gehman/CORBIS/MAGMA; **107** John Cancalosi/Valan Photos; **108** Christine Osborne/Valan Photos; **110** Ivy Images; **113** Michael Boys/CORBIS/MAGMA; **116** Gunter Marx Photography/CORBIS/MAGMA; **117** Ken Cole/Valan Photos; **118 Both Images** © Royalty-Free/CORBIS/MAGMA; **119** B. Ivy/Ivy Images; **123** Jonathan Nourok/PhotoEdit; **124 Top Left** Reuters New Media Inc./CORBIS/MAGMA, **Top Right** CP/Frank Gunn; **125 Top Right** Jeff Greenberg/Valan Photos, **Bottom Left** B. Ivy/Ivy Images; **126 Top Left** John Fowler/Valan Photos, **Bottom Right** © Robert Patrick/CORBIS SYGMA/MAGMA; **127 Top Right** B. Ivy/Ivy Images, **Bottom Right** David Turnley/CORBIS/MAGMA; **130 Top Left** Bettmann/CORBIS/MAGMA, **Bottom Right** Myrleen Cate/PhotoEdit; **131** © Royalty-Free/CORBIS/MAGMA; **132** Dennie Cody/Getty Images/Taxi; **135** Paul A. Souders/CORBIS/MAGMA; **136 Top Left** C.I.S./Ivy Images; **137** Lowell Georgia/CORBIS/MAGMA; **138** Glenbow Archives NA-2833-25; **139** Chinch Gryniewicz, Ecoscene/CORBIS/MAGMA; **143** Glenbow Archives NA-1446-24; **144 Top Left** Roger Chester, Eye Ubiquitous/CORBIS/MAGMA, **Top Right** © Royalty-Free/CORBIS/MAGMA; **145** © Royalty-Free/CORBIS/MAGMA; **147 Top Right** James R. Page/Valan Photos, **Bottom Right** 318, Gallo Images/CORBIS/MAGMA; **149** Kennon Cooke/Valan Photos; **150** V. Wilkinson/Valan Photos; **154-155** William Lowry/Ivy Images; **154 Bottom Right** Hossler/stom Medical Stock Photo; **155 Bottom Centre** From "Malawi, 1999" pages of the trekdiary.com; **156** Davidhazy/Custom Medical Stock Photo, **Inset** Custom Medical Stock Photo; **158 Top Left** Historical Pictures/Custom Medical Stock Photo, **Bottom Right** Bettmann/CORBIS/MAGMA; **159 Top Right** O.J. Staats/Custom Medical Stock Photo, **Bottom Right** Michael Freeman/CORBIS/MAGMA; **162 Top Left** Hossler/Custom Medical Stock Photo, **Centre Right** © Biophoto Associates/Photo Researchers, Inc.; **167** CP/St John's Telegram/Keith Gosse; **169 Top Left** PhotoDisc, **Bottom Right** Bob Rowan, Progressive Image/CORBIS/MAGMA; **170** CORBIS/MAGMA; **174 Top Right** © Royalty-Free/CORBIS/MAGMA; **175** O. Bierwagen/Ivy Images; **176** Helen Mason; **178** Toronto Library Board Picture Collection; **180** Peter Menzel Photography; **181 Centre Left** Leif

Skoofors/CORBIS/MAGMA, **Centre Right** © Royalty-Free/CORBIS/MAGMA; **182 Top Right** David Kelly Crow/PhotoEdit; **183** The Canadian Partnership for Consumer Food Safety Education; **185 Top Right** © 2001 University of Kansas Medical Center, **Centre Right** Myrleen Cate/PhotoEdit, **Bottom Left** David Young-Wolff/PhotoEdit; **187 Top Left** Canada Prenatal Nutrition Program, **Top Right** Centers for Disease Control and Prevention, **Bottom Left** Health Canada, **Bottom Right** Taoist Tai Chi Society; **192** Jeff Greenberg/Valan Photos; **193** Bruce Iverson; **196 Top Left** Lest V. Bergman/CORBIS/MAGMA; **199 Fig 11.6 A** NMSB/Custom Medical Stock Photo, **B** Kennon Cooke/Valan Photos, **C** John Garrett/CORBIS/MAGMA, **D** AFP/CORBIS/MAGMA; **202** B.S.I.P./Custom Medical Stock Photo; **204 Bottom Left** Le Beau/Custom Medical Stock Photo, **Centre** Bettmann/CORBIS/MAGMA; **206 Bottom Left** John Fowler/Valan Photos; **207** B. Ivy/Ivy Images; **210** Bill Aron/PhotoEdit; **211** David Young-Wolff/PhotoEdit; **213** Custom Medical Stock Photo; **215** Courtesy of Rebecca Michaels; **217** Tom McHugh/Photo Researchers Inc.; **222 Top Left** Nancy Kedersha/Immunogen/Science Photo Library, **Top Right** Jim Zuckerman/CORBIS/MAGMA; **223** John-Marshall Mantel/CORBIS/MAGMA; **225 Top Left** CP/AP Photo/Paul Clements, **Top Right** Andy Walker, Midland Fertility Services/Science Photo Library; **226** Nancy Kedersha/Immunogen/Science Photo Library; **230-231** Paul A. Souders/CORBIS/MAGMA; **230 Bottom Right** B. Ivy/Ivy Images; **232 Top Left** Photo courtesy of Carpoolcanada.com, **Top Right** Owen Franken/CORBIS/MAGMA; **233** John Fowler/Valan Photos; **234** Peter Turnley/CORBIS/MAGMA; **236** V. Wilkinson/Valan Photos; **241 Top Right** Jim Varney/Science Photo Library, **Bottom Left** EyeSquared; **243** © Royalty-Free/CORBIS/MAGMA; **247 Top Left and Right, Bottom Left** EyeSquared, **Bottom Right** John Fowler/Valan Photos; **250** George D. Lepp/CORBIS/MAGMA; **251** Albert Kuhnigk/Valan Photos; **252 Fig 14.1** AFP/CORBIS/MAGMA, **Fig 14.2** © Royalty-Free/CORBIS/MAGMA, **Fig 14.3** Jean Bruneau/Valan Photos, **Fig 14.4** Tom Parkin/Valan Photos; **254** William Lowry/Ivy Images; **255** © Royalty-Free/CORBIS/MAGMA; **256** © Royalty-Free/CORBIS/MAGMA; **268** Reuters New Media Inc./CORBIS/MAGMA; **269** CP/The London Free Press/Ken Wightman; **270 Top Left** B. Ivy/Ivy Images, **270 Top Right** Richard Hamilton Smith/CORBIS/MAGMA, **Bottom** B. Thompson C.I.S./Ivy Images; **271 Top Right** © Royalty-Free/CORBIS/MAGMA; **274** Bisson Bernard/CORBIS SYGMA/MAGMA; **277** Photo courtesy of First Technology Safety Systems, Plymouth, Michigan, USA; **284** NASA; **286 Top Left and Right** Copyright © 2003 GM Corp. Used with permission, GM Media Archive, **Bottom Right** EyeSquared; **287** EyeSquared; **290 Top Left** Used by permission from DaimlerChrysler Corporation, **Top Right** Reuters New Media Inc./CORBIS/MAGMA, **Bottom Left** Photo courtesy of Volvo Canada, **Bottom Right** Pitchal Federic/CORBIS SYGMA/MAGMA; **291 Top Left** Texas Transportation Institute, Safety & Structural Systems Division, Texas A&M University, **Top Right** B. Ivy/Ivy Images; **292 Bottom Left** EyeSquared, **Bottom Right** Vauthey Pierre/CORBIS SYGMA/MAGMA; **293 Top** EyeSquared, **Bottom** Robert Eric/CORBIS SYGMA/MAGMA; **294** Photo courtesy of SNAP-BACKS, QUICK STAY Pet Seat Belt; **295** Parrot Pascal/CORBIS SYGMA/MAGMA; ; **297 Top Left** Pitchal Federic/CORBIS SYGMA/MAGMA, **Top Right** Jane Torrence/Valan Photos; **Bottom Left and Right** Photo courtesy of Volvo Canada; **298 Top Centre** Bettmann/CORBIS/MAGMA, **Top Right** Las Vegas Sun; **304 Top Left** Joseph Sohm, ChromoSohm Inc./CORBIS/MAGMA, **Top Right** Ivy Images

Illustration Credits

16 Bottom Right *SciencePower™ 10*, Copyright © 2001, McGraw-Hill Ryerson Limited, a Subsidiary of The McGraw-Hill Companies; **19 Centre and 35 Left** From *SciencePower™ 9*, Copyright © 1999, McGraw-Hill Ryerson Limited, a Subsidiary of The McGraw-Hill Companies; **62** From *Earth Science* by Ralph Feather, Jr., © 1997 Glencoe/McGraw-Hill; **67 Top** From *science.connect 1*, Copyright © 2002, McGraw-Hill Ryerson Limited, a Subsidiary of The McGraw-Hill Companies; **86 Centre Left** Rolin Graphics, From *Glencoe Science Voyages Level Green*, Copyright © 2000 by the McGraw-Hill Companies, Inc., **Centre** From *Life Science* by Lucy Daniel, © 1997 Glencoe/McGraw-Hill, A Division of the McGraw-Hill Companies; **101 Centre Right** Morgan-Cain & Associates, From *Glencoe Science Voyages Level Green*, Copyright © 2000 by the McGraw-Hill Companies, Inc.; **134** Morgan-Cain & Associates, From *Glencoe Science Voyages Level Blue*, Copyright © 2000 by the McGraw-Hill Companies, Inc.; **136 Centre** Kathie Kelleher/Publisher's Graphics, From *Glencoe Science Voyages Level Red*, Copyright © 2000 by the McGraw-Hill Companies, Inc.; **142** Adapted from *Glencoe Science Voyages Level Red*, Copyright © 2000 by the McGraw-Hill Companies, Inc.; **146** Adapted from Morgan-Cain & Associates, From *Glencoe Science Voyages Level Blue*, Copyright © 2000 by the McGraw-Hill Companies, Inc.; **190** Chris Forsey, From *Glencoe Science Voyages Level Green*, Copyright © 2000 by the McGraw-Hill Companies, Inc.; **195 Bottom Left** Morgan-Cain & Associates, From *Glencoe Science Voyages Level Blue*, Copyright © 2000 by the McGraw-Hill Companies, Inc.; **198 and 209** Pronk & Associates Inc, From *Biology 11*, © 2001 McGraw-Hill Ryerson Limited, a Subsidiary of The McGraw-Hill Companies; **212 Bottom Left and Right, 220** From *SciencePower™ 9*, Copyright © 1999, McGraw-Hill Ryerson Limited, a Subsidiary of The McGraw-Hill Companies; **234 Bottom Left** Transport Canada, Canadian Motor Vehicle Traffic Collision Statistics: 2000; **298 Top Left** From *SciencePower™ 10*, Copyright © 2001, McGraw-Hill Ryerson Limited, a Subsidiary of The McGraw-Hill Companies